



## MS-228-4 Form C Reed Sensor • M8 thread

### Electrical Characteristics

<b>Contact form</b>		C
<b>Contact rating max.</b>	W / VA	5
<b>Switching current max.</b>	A	0.25
<b>Carry current max.</b>	A	1.5
<b>Switching voltage max.</b>	VDC	175
	VAC	120
<b>Breakdown voltage min.</b>	VDC	200
<b>Contact resistance (initial) max.</b>	mΩ	100
<b>Insulation resistance min.</b>	Ω	10 <sup>9</sup>
<b>Capacitance typ.</b>	pF	1.0

### Magnetical Characteristics

<b>Pull in range available <sup>1</sup></b>	AT	15-30
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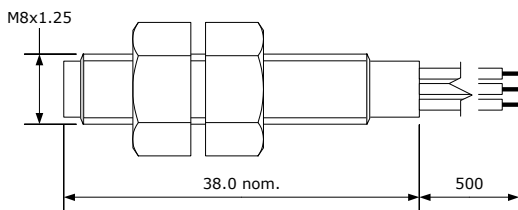
<sup>1</sup> AT range stated for **unmodified** Reed Switch

### Operating Characteristics

<b>Operate time (incl. bounce) max.</b>	ms	0.7
<b>Release time max.</b>	ms	1.0
<b>Switching frequency max.</b>	Hz	100
<b>Resonant frequency typ.</b>	Hz	1,100
<b>Vibration (50-2000 Hz)</b>	g	30
<b>Shock (1/2 sin 11 ms)</b>	g	50
<b>Operating temperature</b>	°C	-20 to +85

### Dimensions

in mm



COM black  
 NC white  
 NO grey

Wire: AWG 24, stripped and tinned

### Ordering Information

Series	AT Range
MS-228-4	<b>2</b> = 15-20 / <b>3</b> = 20-25 / <b>4</b> = 25-30

**Ordering example:** MS-228-4-2 describes MS-228-4 with 15-20 AT

**Customized types available.**

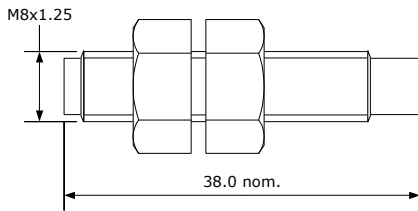
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### Matching Actuator MSM-228

in mm



**Customized types and other magnet orientations available.**